



# Hamtrix

Volume 54, Issue 4 April, 2009

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## The President's Shack

by Howard Smith,  
WA9AXQ

The 2009 WIQP is now done, and the work of tabulating the scores and deciding the winners is just beginning. It seemed that 75 was the place to get Wisconsin counties. 40 was active as well, and a good place to get state multipliers. I hope

lots of you participated in the contest. I had a good time. I hope you did, too.

I had suggested that the club use a Worked All States (WAS) award as a friendly competition to encourage club members to get on the air. A committee was formed of Don, KC9ISS, Tom, K9BTQ, and myself. The contest is described in this Hamtrix. It starts now and will run until the July 14th meeting. Be sure to read the article that describes the rules and provides a couple of suggestions for keeping track of the states that are worked.

*(Continued on page 6)*

## Field Day Meeting

Tuesday, April 21 — See page 6

## Meetings & Events



**April 14**  
Club Meeting

Program:

**Wire Antenna Modeling**  
**Part II**

by Tom Macon, K9BTQ  
Starts at 7:00 PM

**April 28**

Board Meeting  
Starts at 7:00 PM

**May 3**

Material Due for Next  
**Hamtrix**

**May 12**

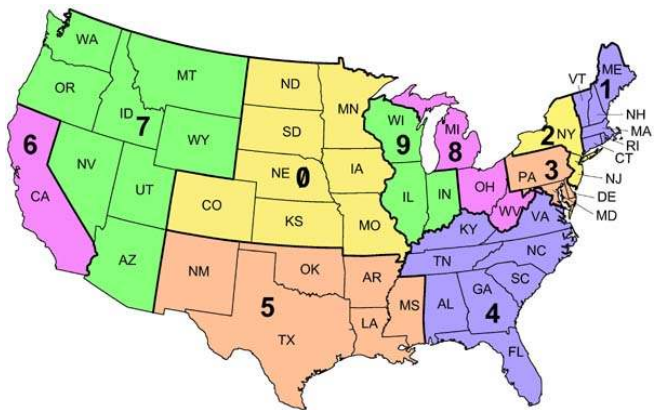
Next Club Meeting

## WARAC WAS AWARD

At the last club meeting, Howard announced an upcoming club project – **Worked All States (WAS)**. Well, here are the details and it starts now!

This WARAC contest is very simple. Work and log a station in each state. When you have worked all 50, submit your log to the club. No QSL cards or other verification is needed. There are no restrictions on frequency or mode except that FM may not be used.

Your log should include the other station's call and handle, state, date, time, frequency and mode. Paper log sheets will be available at club meetings. If you want to log on a computer, a neat Excel spreadsheet is available on the club website, thanks to Don Down, KC9ISS. The



printable sheet is also available on the website.

The WARAC WAS will run for three months, from now until the club meeting on July 14. At club meetings during the contest, we will have progress reports.

Let's get on the air!

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**From the Minutes...**

By Lynn Tamblyn, K9KR  
Secretary

**Minutes of the General Meeting  
March 10, 2009**

The meeting was called to order at 7:03 PM by President Howard Smith.

Minutes - the membership approved the minutes as printed in Hamtrix.

**ANNOUNCEMENTS**

*Silent Key* - Howard informed the club members that David Knaus, N9QA, had a provision in his will to contribute to our Scholarship Fund. Howard also mentioned that some cash had also been donated to the Scholarship Fund by several persons attending Dave’s funeral. He then mentioned that the Board had renamed the WARAC Scholarship Fund to the WARAC David Knaus Memorial Scholarship Fund.

*AES Superfest* – Howard mentioned that WARAC will have a PR table at this year’s event on April 3 and 4. He asked for volunteers to man the club table.

*Club Badges* – Tom Macon asked for interested members to sign up so he can begin the inquiry process for new club badges.

*40 Meters* – Dick Wood mentioned that he had just read in QST that as of March 29, broadcasters will vacate the 7100-7200 kHz portion of 40. Effective that date, amateurs will have privileges from 7000 to 7200 - - free of broadcasters from ITU Regions 1 and 3. See April 2009 QST, pages 60 and 61.

*WIQP* – Lynn mentioned that the Wisconsin QSO Party is happening March 15, starting at 1 PM local time, and ending at 8 PM. He asked that club members try to participate.

*10M Contest* – Charles Craven gave the membership the results on our internal club competition. Nine members participated. He will be doing a Hamtrix article about the winners. Certificates will be presented at our annual club dinner in the fall.

*WAS Form* – Tom Macon showed the membership a sample of the ARRL form to be used with the ARRL’s 2009 Year of the QSO Party event, including the paste on labels denoting the states worked.

**PROGRAM**

*Monster Quad Two* – via a picture show, Dick Wood went thru his now finished project, that he called his “3 season quad.” Over some 7 to 8 months, Dick added 2 more elements to his previous 2-element Gem quad. All the elements on the new 20, 17, 15, 10 Meter quad are full wave, on a boom length that is now at 13 feet. Dick originally installed the 2-element version in 1985. He bought the additional parts for the additional elements years ago, but never got around to installing them until last year. Dick said he was happy with the project results so far, although he has not had a lot of time to test it out. He now needs to point the quad directly at the station he wants to talk with, as the beam width is quite sharp.

The meeting was adjourned at 8:10 PM, followed by refreshments and eyeball QSO’s.

*Respectfully submitted,  
Lynn Tamblyn, K9KR*

**Minutes of the Board Meeting  
March 24, 2009**

The meeting was called to order at 7:07 PM. by Chairman Howard Smith.

Board members present were: Charles Craven, George Dunco, Tom Macon, Howard Smith, Lynn Tamblyn and Dick Wood.

*Scholarship Funds* – Howard informed the Board that David Knaus’s sister had contacted Howard, giving him one half of the collections at the funeral, on behalf of Dave. This will be added to our WARAC Dave Knaus Memorial Scholarship Fund. Howard then informed the board that he had sent in the money for the 2009 Scholarship to FAR, and that he had gotten an acknowledgement from them for the money.

*Worked All States Internal Club Competition* – Tom reported that the committee had met. The basic purpose of

*(Continued on page 6)*

WARAC Officers and Board			<b>Hamtrix</b> – Editor & Publisher
President	J. Howard Smith, WA9AXQ	414.425-5626	Submit newsletter material to: Tom Macon, K9BTQ 3547 S. 95 St Milwaukee, WI 53228 414 543-3878 tmacon@wi.rr.com
Vice President	Thomas W. Macon, K9BTQ	414.543-3878	
Secretary	Lynn C. Tamblyn, K9KR	262.534-9655	
Treasurer	Richard M. Wood, W9JBE	262.542-5118	
Director (2009)	George Dunco, AA9SR	262.782-6325	
Director (2010)	Chuck Craven, WB9PUB	262.642-7628	
Director (1 year)	Robert F Zach, KC9AGX	414.427-0333	
Board Chairperson	J. Howard Smith, WA9AXQ	414.425-5626	

See page 5 for More  
WIQP Snippets

## WIQP SNIPPETS

Contributed by Lynn Tamblyn, K9KR

Lynn has been receiving a lot of feedback from this year's WIQP, both in Soapbox section of submitted logs and from separate emails. Below is a portion of an email about YACHT (Young Amateur Contest Ham Team) operating in WIQP.

Hi,

Here are some photo collages of a combined YACHT/K8DAR activity in the Wisconsin QSO party on March 15...The event was held at the K8DAR Menominee DAR Boys & Girls Club ham station in Menominee, MI. We had ten youngsters participating along with four control operators. Several parents and family members also stopped in to watch the action.

We had a nice QSO with one of our YACHT members, Cal, K0DXC, of Jackson, OH prior to the WIQP on 40 meters. Cal is a special assistant for youth in the ARRL Great Lakes division, and one of our very active young contesters worldwide.

Thanks to: Brett, Blake, Andrew, Tyler, Jacob, Anna, Abbey, Bailey, Haley and Matt for some great ham radio activity. We made contact with 45 Wisconsin counties and well over 100 QSO's. Excitement reigned high as the counties started to pile up on the computer screen, especially the new ones that count as "multipliers" and are eagerly looked forward to. Each youngster was given a ham radio cap and a certificate of participation. In addition, all enjoyed pizza, soda, and chips. Thanks to Bailey's mom who also brought in some St. Patrick's Day cookies.

The event was organized by Ed, KG8CX, and Jim, KS8O. Thanks also to Paul NS8V and Tyler KC9FKE for their support and participation.

Our next major contest activity will be on Saturday, April 18 for the Michigan QSO party. That one will be held at the super radio station of Jim, KS8O, in Wallace, MI., and will use the W8PIF callsign of the Marinette & Menominee Radio Club...Young hams and selected DAR youth will again be invited to participate.

Also, on the horizon, is a planned VE test session on June 27 at our local radio club Field Day in Menominee. We hope to gain a few new young hams at that time, including several of those who worked the Wisconsin QSO party.

Thanks again to all who participated on Sunday. It was a very enjoyable experience for Jim, Paul, and myself, and we hope, for the youth as well.

73, Ed Engleman, KG8CX



## Ham Happenings

### Around the area

#### Ozaukee Radio Club

Wed, April 8  
7:30PM

Grafton Senior Center  
1665 7th. Ave.  
Grafton

#### CQ3TUE

Tues. April 11  
11:15AM

Old Country Buffet  
16750 W Bluemound Rd

#### Wisconsin Amateur Radio Club

Wed. April 29  
7:30PM

Germantown Police Dept  
Germantown

#### Milwaukee Radio Amateur Club (MRAC)

Thurs, April 30  
7:00PM

Redemption Lutheran Church  
4057 N. Mayfair Rd

#### South Milwaukee Amateur Radio Club

Wed. May 6  
7:00PM

Legion Post 434  
9327 S Shepard Ave  
Oak Creek

#### Amateur Radio Testing

Saturday, April 25  
9:30AM

AES Superfest  
Amateur Electronic Supply  
5720 W Good Hope Rd

#### NOTE

Please do not contact meeting places for information.



Don't forget . . .

**Club Meetings**

**Now Start at  
7:00 PM**

Meeting Room Opens at 6:30 -  
Come Early!

**Dave Knaus, N9QA,  
Memorial Scholarship**

Available to licensed Amateurs who are Wisconsin residents pursuing an Associate, Bachelor's or Graduate degree in any course of study. The application deadline is May 1, 2009.

Visit the [FAR website](#) for additional information and application forms.

Join in on the

**WARAC**

**Repeater Net**

On the

**"Off-Tuesdays"**

(1st, 3rd and 5th Tuesdays)

**7:00PM**

On the WARAC Repeater  
145.17 MHz

**Thanks!**



Thanks and a tip of the editor's hat to the following contributors to this month's issue of **Hamtrix**

**Lynn Tamblyn, K9KR**

**Chuck Craven, WB9PUB**



Write an Article

**This means**

**You!**

Please??

**Scuttlebutt...**



- Final call! Order your name badges for \$7.00 each. The upcoming meeting is the deadline.
- Field Day meeting - April 21 at St Mary Parish. See complete notice on page 6. All members welcome!
- The latest edition of the statewide newspaper, Badger State Smoke Signals, has two front page articles in honor of Dave, N9QA.
- *Do you have something you'd like to have published here? Please let me know - send to Tom, K9BTQ.*



Here are three long-time club members, pictured on Field Day in the 1970's. Do you recognize anyone?

**Upcoming Meeting Programs**

**April 14**

**Antenna Modeling, Part II**

by Tom Macon, K9BTQ

This focus of this presentation will be to model *your* antennas! Simple antennas can be done quickly, but if your antenna is not so simple, please send me a dimensioned sketch ahead of time.

**May 12**

**RF Exposure Calculation**

by Tom Wensch, N9HR

All about how to determine the level of RF exposure from you station. This is a topic we all need to know something about.

Future program topics include *Field Day, Logbook Of The World (LOTW)* and possibly *Robotics*. Stay tuned!

**Program suggestions?**

**Let us know - Contact a Board member!**

# 2008 WARAC 10 METER CONTEST RESULTS

by Chuck Craven, WB9PUB

Here's the results from last December's WARAC 10 Meter contest from Chuck, WB9PUB.

Our WARAC contest adds a "kicker" for the number of club members worked, which goes on top of the normal ARRL contest score.

Good work in spite of poor conditions and thanks to everyone that participated. CU next December!

Place	Mode	Name	Call	QSO's		Club Mbrs	Score
				CW	PH		
1 <sup>st</sup>	Mixed	Lynn Tamblyn	K9KR	36	37	7	198.5
2 <sup>nd</sup>	Mixed	Richard Barcz	WR9Y	14	7	4	72.5
1 <sup>st</sup>	Phone	Chuck Craven	WB9PUB		144	7	251
2 <sup>nd</sup>	Phone	Tom Macon	K9BTQ		90	10	185
3 <sup>rd</sup>	Phone	John Zach	K9IAC		79	8	158.5
4 <sup>th</sup>	Phone	George Dunco	AA9SR		28	7	77
5 <sup>th</sup>	Phone	Phil Gural	W9NAW		9	7	48.5
6 <sup>th</sup>	Phone	Ron Crown	KA9JCP		18	4	47
7 <sup>th</sup>	Phone	Dick Wood	W9JBE		4	4	26

## MORE WIQP SNIPPETS

Contributed by Lynn Tamblyn, K9KR

N9NE/m said -

Conditions on 40 and 80 were the best I have ever experienced for this event. And where did all the out-of-state folks come from? I (and probably everybody else) was absolutely mobbed by gangs of callers. I simply did not have the luxury of time to go looking for other mobiles, and when I did, I couldn't get through THEIR crowds of callers.

K9OM/4 said -

I really like the "Out-of-State Top 10" that you had in the WIQP 2008 Results. It's mighty hard to compete in the WIQP from Florida... but I improved my antennas this year and gave it a 100% effort today and am hoping I made the Top 10 List.

K9TY/m said -

Had a great time in the QSO party this year. I hit more counties (15) and drove more miles (350)... and ended up making more QSO's (346) than ever before! Amazing how fast 7 hours of driving can seem to go! Thank God for 40 meters and for Ohio hams -- seemed like every other contact was with an Ohio guy! Now I just have to figure out how to get on 80m effectively so I can work more WI counties too.

Log Analyzer

I have been developing free software tools for contesters. I have developed two specifically designed for the WIQP. These are Log Analyzers that a fixed station or a mobile station can use to see statistics about their participation and performance in the QSO Party. These tools are based on Microsoft Excel 2003 but can be used with the Open Office product line too.

The Log Analyzer will show what counties were contacted, how many Q's on CW and how many on Phone, and which bands these contacts were made. In addition, it will show what states were logged by WI stations. Another part of the analysis has a graph, which shows the band changes made during the contest. Another page shows the callsigns logged in sequential order from each county. There are nine pages of statistics.

There is a second tool exclusively for MOBILE operators. It presents information that is specific to a rover like which counties were activated, in what order, at what time, and for how long. In addition it calculates the running rate of QSO's per hour for each county, what period of "dead time" occurred between the last contact in a county and the first contact in the next county.

Here's the link to the download area on my website: Download a copy here: <http://tinyurl.com/8juedc>

73 de Bob - KØRC in MN

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*April 16 - John Zach, K9JAC*  
*April 20 - Dick Wood, W9JBE*  
*April 21 - Ron Crown, KA9JCP*  
*April 29 - Phil Tollefson, WA9AQL*  
*May 1 - Paul Hass, KC9JES*  
*May 8 - Dave Engelmann, WB9CZP*

*Wedding  
Anniversaries*

*April 28 - John and Carol Zach*

## Field Day Planning Meeting

**April 21, 7:30PM**

**St Mary Parish**

**9520 W. Forest Home Ave  
Hales Corners**

Go into the upper parking lot just west of the church. Meet by the door near the corner of the buildings - we will be meeting in a different room than in the past.

**June 28-29**



### President's Shack (Continued from page 1)

Field Day is coming up soon, and the first Field Day meeting will be on April 21st, at St. Mary Parish. More details are in this Hamtrix.

The April program is about antenna modeling by Tom, K9BTQ. Tom has several examples done, and is looking for a couple to do at the meeting. If you have one for him to try, bring it with you. Maybe the program will

give you an idea of how well your antenna performs.

See you at the meeting. Remember, it starts at 7:00pm!

73,  
Howard Smith,  
WA9AXQ

### Minutes (Continued from page 2)

this event is to help get club members on the air, which the committee suggested should be a friendly competition amongst club members. The committee decided that there will be no need to present QSL cards, as confirmations of contacts. The entrant's word will be acceptable. In that regard, they made up an entry form with a reference map on the reverse side, so persons can use it for verification. Competition will begin as soon as it is published in Hamtrix, and will run for 3 months. The committee encourages members to bring their logs to club meetings and talk about the contacts. No FM contacts will be allowed.

*Audit Of Club Books* – Howard indicated that he would still like to see the audit of the 2007 books completed by April at the latest.

*Wisconsin QSO Party* - Howard reported that he is planning to visit the club's post office box once a week. At the first visit he had picked up 27 paper logs, that he gave to Tom. Tom will be converting them to an electronic format. Lynn then mentioned that his email "in box" was swamped with electronic entries, with over 190 at present, with more coming in each day. He thinks that this year we might have more entries than usual, perhaps due to the ARRL event (Year of the State QSO Party), as well as the fact that he is seeing a lot of callsigns that did not enter before. He has begun the first stage of processing, which is to separate the entry sheets from the log

data.

*AES Superfest* – the Board discussed the upcoming event, April 3 and 4, as to how to cover the club PR table, what to have available for handouts on the table, and an idea of which officers will cover which day. The Board also asked any club member that is interested, please contact Howard to volunteer.

*Programs* - The April program will be part 2 of Tom Macon's wire antenna modeling program. Hopefully May will have a program on RF Exposure. June's program should be about Field Day. A discussion then followed about a program on Log Book of the World (LOTW), and a program on robotics, with no specific months indicated yet. Lastly, there was some comments on doing a sell or swap or gear giveaway night, possibly in the fall.

*Repeater* – Howard reported the repeater is still working at his QTH. Chuck then mentioned that Tom needs to change the time for the off Tuesday net on the club repeater. It should start at 7 PM and not the time now listed in Hamtrix. Howard then mentioned that John Westmayer is working toward finishing his tower installation.

The meeting was adjourned at 8:05 PM.

*Respectfully submitted,  
Lynn Tamblin, K9KR*

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